

## AMENDMENTS TO THE CLAIMS

Complete listing of the claims.

We claim:

1. (Original) A method of providing a contained charge of semi-solid metal alloy for use in a process for forming an article, the method including  
introducing a charge a molten metal alloy into a container; and  
allowing the molten metal alloy to reach a semi-solid state, the container including  
an elongate body defining a side wall of the container, a mouth at a first end  
of the body and an opening at a second end of the body remote from the mouth; and  
a closure member closing the opening, the closure member being configured  
to be displaceable along an interior volume of the body from the second end towards  
the first end to displace the charge of semi-solid metal alloy and the closure member  
being of a metal alloy the same as or similar to the charge of metal alloy and having a  
melting point which is not less than the temperature of the molten metal alloy  
introduced into the container.
2. (Original) The method as claimed in claim 1, in which the closure member is  
dimensioned to be displaceable through the mouth of the container.
3. (As Amended) A process for forming an article, the process including  
providing a contained charge of semi-solid metal alloy in accordance with the  
method as claimed in claim 1 ~~or claim 2~~; and  
displacing the charge of semi-solid metal from the container and forming the  
charge into a desired shape.
4. (Original) The process as claimed in claim 3, which is a rheo-casting  
process.
5. (As Amended) The process as claimed in claim 3 ~~or claim 4~~, in which  
displacing the charge of semi-solid metal from the container includes displacing the  
closure member out of the elongate body, through the mouth.

6. (Original) A rheo-casting container for containing a charge of semi-solid metal alloy, the container including  
an elongate body defining a side wall of the container, a mouth at a first end of the body, and an opening at a second end of the body remote from the mouth; and  
a closure member to close the opening, the closure member being configured to be displaceable along an interior volume of the body from the second end towards the first end to displace a charge of semi-solid metal alloy contained in the container and the closure member being of a metal alloy the same as or similar to the semi-solid metal alloy for which the container is to be used and having a melting point which is not less than the temperature at which the metal alloy is to be introduced into the container.
7. (Original) The rheo-casting container as claimed in claim 6, in which the side wall defines a circular cylindrical interior surface, with the closure member being disc-shaped.
8. (As amended) The rheo-casting container as claimed in claim 6 ~~or claim 7~~, in which the closure member is located or locatable with a friction fit inside the body to close the opening, whilst still being displaceable along the interior volume of the body.
9. (As amended) The rheo-casting container as claimed in ~~any one of claims 6 to 8 inclusive~~ claim 6, in which the closure member is dimensioned to be displaceable through the mouth of the container.
10. (Original) A process for forming an article, the process including  
locating a container containing a charge of semi-solid metal alloy in a passage in front of a plunger or piston arranged to travel relative to the passage to force the charge of semi-solid metal alloy into a desired shape; and  
displacing the charge of semi-solid metal alloy from the container and forming it into the desired shape by causing relative travel between the plunger and the passage.

11. (Original) The process as claimed in claim 10, in which the container is open-ended and includes a displaceable closure member closing one opening and configured to be displaceable along an interior volume of the container from the one open end closed by the closure member towards the other open end, displacing the charge of semi-solid metal alloy including pushing with the plunger against the closure member to displace the closure member and the charge of semi-solid metal alloy from the container.

12. (Original) The process as claimed in claim 11, which includes leaving the closure member to form part of a solidified runner of an article formed by the process.

13. (Original) The process as claimed in claim 12, which includes separating the runner from the cast article, treating the runner, including the closure member, optionally together with further metal alloy, to provide a further container containing a charge of semi-solid metal alloy, and locating the container in the passage in front of the plunger, in order to form a further article.

14. (Original) An injection sleeve or shot sleeve for a die-casting machine, the sleeve defining a plunger passage and including a container supporting portion to support a container containing a charge of semi-solid metal alloy with the charge being axially aligned with the plunger passage.

15. (Original) The injection sleeve as claimed in claim 14, in which the container supporting portion includes a cradle to support said container, the cradle being shaped to support a container too large to fit into the plunger passage.

16. (As Amended) The injection sleeve as claimed in claim 14 ~~or claim 15~~, in which the plunger passage has a circular cylindrical interior surface and the container supporting portion is configured to support a container having a circular cylindrical interior with an interior diameter the same or only marginally smaller than the interior diameter of the plunger passage, the container supporting portion making provision for

the wall thickness of the container so that the plunger passage and the container are axially aligned.